



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

007202

647.1405

Job Sheet 187937



Part No: 647.1405

Job Qty: 4 ea

Part Name: EC135 Upper Cutter Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/21/18

Job Tracking No:

Due Date: 1/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG 647.1405 REV D IPP REV:A NEW ISSUE 16-11-15 JLM VERIFIED BY:DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off         |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|------------------|
|       |                    |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                  |
| 90    | Start up Operation | 4 Ea  | 1/18/19    | 1/18/19  | 0.00      | 0.00    | Start Up Stores/Pkg-2 |           | DEC 21 2018      |
| 110   | Packaging          | 4 pcs | 1/18/19    | 1/18/19  | 0.00      | 0.00    | Packaging1-1          |           | DEC 21 2018      |
| 120   | Small Fab          | 4 pcs | 1/18/19    | 1/18/19  | 0.00      | 1.57    | Small Fab-1           |           | 36 DAS           |
| 130   | QC                 | 4 pcs | 1/18/19    | 1/18/19  | 0.00      | 0.00    | QC5                   |           | JAN 04 2019 63   |
| 140   | Packaging          | 4 pcs | 1/18/19    | 1/18/19  | 0.00      | 0.00    | Packaging3-1          |           | JAN 04 2019 9-89 |
| 150   | QC21-SA            | 4 Ea  | 1/18/19    | 1/18/19  | 0.00      | 0.00    | QC21                  |           | 21 JAN 04 2019   |

Part Op 120 - Assemble as per dwg and apply locite 598 on all faying surfaces per note 2.  
Descriptions: 140 - \*\*\*IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV\*\*\*

M138996

### Job BOM

| Part / Item   | Component Name      | Quantity     | Operation             | Container            |
|---------------|---------------------|--------------|-----------------------|----------------------|
| 646.9703      | Cutter Sub Assembly | 4 Ea (1 ea)  | 90-Start up Operation | 5129005x3 5129004/x1 |
| 647.1514      | Upper Deflector     | 4 Ea (1 ea)  | 90-Start up Operation | 5129413              |
| MS21042L08    | Nut                 | 12 Ea (3 ea) | 90-Start up Operation | 5100409              |
| MS27039-08-19 | Screw               | 12 Ea (3 ea) | 90-Start up Operation | 5104359              |
| NAS1149FN832P | Washer              | 24 Ea (6 ea) | 90-Start up Operation | 5136368              |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | 646.9703       | 4        | 11        | 0         |
|                       | 647.1514       | 4        | 8         | 0         |
|                       | MS21042L08     | 12       | 1,602     | 0         |
|                       | MS27039-08-19  | 12       | 1,070     | 0         |
|                       | NAS1149FN832P  | 24       | 2,343     | 0         |

### Part Specifications

Specifications could not be found.



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                         |                      |                                                                                         |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | QTY Affected : _____                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MRB (QSI042) _____   |                                                                                         |
| <div style="transform: rotate(-90deg); transform-origin: center;"> <br/>           Container No: S140084<br/>           Part: 647.1405<br/>           Job No: 187937<br/>           Serial No/Batch: S140084<br/>           Revision: D<br/>           Inspector:<br/>           Exp Date:<br/>           Instructions:         </div> <div style="transform: rotate(-90deg); transform-origin: center; font-size: small;">           Dart Aerospace Ltd.<br/>           1270 Aberdeen Street,<br/>           Hawkesbury, ON K6A 1K7<br/>           CANADA<br/>           TEL.: 1 813 632-5200<br/>           Email: sales@dartaero.com<br/>           www.dartaerospace.com         </div> <div style="transform: rotate(-90deg); transform-origin: center; font-size: x-small;">           Date: 12/21/18         </div> |                                                                                                                                   | <b>Disposition</b><br><br><div style="height: 150px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      | Completed By _____<br><br>Lead hand / Supervisor _____<br><br>QC / QA Coordinator _____ |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function           </div> <div> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up           </div> <div> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread           </div> </div> |                      |                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   | Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Presservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Other/Details: _____ |                                                                                         |